

Fish Passage & Diversion Screening Inventory Database Report Cover Sheet

The following report is extracted from the Washington Department of Fish and Wildlife's (WDFW) Fish Passage and Diversion Screening Inventory Database (FPDSI). WDFW makes every attempt to keep these reports in sync with FPDSI; however, the dynamic nature of the data and workflows associated with maintaining the database may result in short-term differences.

Users are encouraged to contact WDFW to discuss appropriate use of the data and how we can assist with fish passage barrier removal or inventory. Please visit the Fish Passage web site for contact information at: https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/about

Disclaimers:

- Data presented here represent a snapshot observation of conditions in a dynamic environment
 that is subject to change. Fish passage data are also collected from a variety of agencies and
 sources. Therefore, WDFW makes no guarantee concerning the data's content, accuracy,
 completeness, or the results obtained from use of the data. WDFW assumes no liability for the
 data represented here.
- These data are not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife.
- Note that some fish passage features, habitats or species may occur in areas not currently
 known to the WDFW Fish Passage division, and may not be reflected in this database. A lack of
 data does not necessarily indicate that a feature, habitat, or species are not present.
- Unauthorized attempts to alter or modify these data are strictly prohibited.
- Bankfull width measurements included in these reports should not be used for fish passage crossing design. They are solely for assessment purposes.
- The barrier status reported in this document is based on the swimming abilities of adult salmonids. Passabilities are a qualitative value, and should not be interpreted as a quantitative calculation. Please see page 1-4 of the Fish Passage Inventory, Assessment and Prioritization Manual for further clarification: https://wdfw.wa.gov/publications/02061
- EXIF data presented with Image Reports may be erroneous due to camera battery failures and resetting of camera clock functions.

Abbreviations:

Most abbreviations in this report are defined in the Quick Reference Tables of the Fish Passage Inventory, Assessment, and Prioritization Manual. Additional commonly used abbreviations are defined as follows:

NFB = no potential salmonid use, **BB** = both banks, **LB** = left bank looking downstream, **RB** = right bank looking downstream, **US** or **U/S** = upstream, **DS** or **D/S** = downstream, **WSDrop** = water surface drop, **BFW** = bankfull width, **OHW** = ordinary high water, **SLW** = scour line width, **CMP** = corrugated metal pipe, **Q**_{fp} = fish passage flow, **V&D** = Velocity and Depth, **ROW** = Right of Way

The FPDSI database often uses default values such as '-99.99' or '-999' to represent null values.

WDFW Fish Passage and Diversion Screening Inventory Database

Site Description Report

Site ID 990395	Project	WSDOT		☐ Mitigated			
Geographic Coordinate	es	Waterbo	Waterbody				
Latitude (WGS 84):	47.8321495	Stream:		Spring Cr			
Longitude (WGS 84):	-122.6246643	Tributar	y To:	Hood Canal			
East (NAD 83 HARN):	1,118,520.0	WRIA:		15.0364			
North (NAD 83 HARN)	918,367.3	River M	ile:	0.20			
, ,,,	•	Fish Us	e Potential:	Yes			
General Location		FUP Cri	teria:	Biological			
Road Name:	SR 3	Owner					
Mile Post:	58.49	Type:	State				
County:	Kitsap	Name:		on State Department			
WDFW Region:	6		of Transpo				
PI Species							
☐ Sockeye	☐ Chinook		Sea Run Cutthroat				
☐ Pink	Coho		Resident Trout				
☐ Chum	✓ Steelhead	I	☐ Bull Trout				
Associated Features							
✓ Culvert	☐ Dam	☐ Natural Ba	arrier	☐ Diversion			
☐ Non-Culvert Xing	\square Other	\square Fishway					
Location/Directions							
Plotted at milepost 58.53	on GIS map.						
Site Comments							
Cr is also known as Huds	son Cr.						

11/19/2021

These data represent a snapshot of the Washington Department of Fish and Wildlife's current records. Due to the ongoing nature of assessment and inventory of these features, these data may not accurately represent conditions on the ground, and are subject to change.

WDFW Fish Passage and Diversion Screening Inventory Database

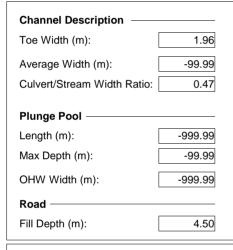
Level A Culvert Assessment Report

Site ID: 990395

Latitude: 47.8321495 Stream: Spring Cr WRIA: 15.0364
Longitude: -122.6246643 Tributary To: Hood Canal Fish Use Potential: Yes

Data Source:	Washington Department of Fish and Wildlife						
Field Cre	w: Kunz;Soncarty	Review Date: 7/7/2000					

Culvert Details					Level A Parameters								
<u>ID</u>	<u>Shape</u>	<u>Material</u>	<u>Span</u>	<u>Rise</u>	<u>Length</u>	<u>WDIC</u>	<u>Apron</u>	WSDrop	<u>Location</u>	Countersunk	Backwater	Slope (%)	Sediment
1.1	RND	PCC	0.91	0.91	33.20	0.20	NO	0.00				1.79	
All c	limensio	ns in mete	rs										





Assessment Results		Tidal Influence:	Tidal Influence:		esent:	No	
Barrier:	Yes	Passability (%):	0	Method:		Level A	
Reason:	Slope	Fishway Present:	No	Recheck:			

Comments

Re-checked by Soncarty/Kunz on 7/7/00. Water exits pipe into sm. pool w/in medium size rip rap, then drops \sim .3m down the rip rap for a distance of \sim 1.5m. No evidence of scour. 0.30 cst 1/2 pipe chute draining SR3 runoff above pipe.

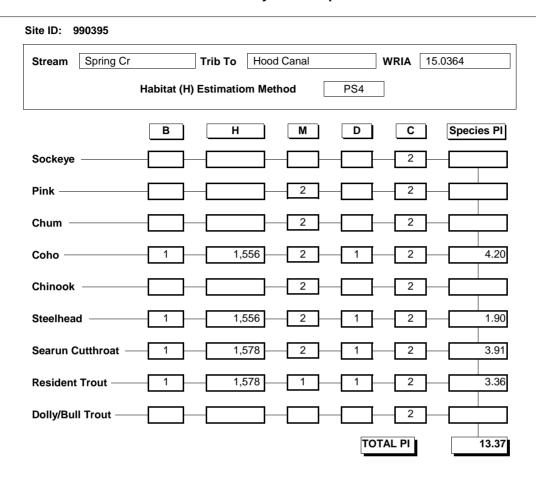
Potential Habitat Gain

i Oteritiai Habitat (Jann				
Survey Type:	PS4	Spawning (sq m):	1,094	Length (m):	1,441
Significant Reach:	Yes	Rearing (sq m):	1,578	PI Total	13.37

WDFW Fish Passage and Diversion Screening Inventory Database Habitat Survey Summary Report

Site ID: 990395			
Latitude: 47.8321495 Lor	ngitude: -122.62466	643 WRIA:	15.0364
Stream: Spring Cr Tril	outary To: Hood Canal	PI Total:	13.37
Survey Type PS4			
Spreadsheet File(s):			
15_0364.WB1, 15_0364X.WB1			
Downstream Survey			
Date: 6/4/1997 Crew:	Ler	ngth (m): -999	
Downstream Comments:			
DC verified by Gower. Non-barrie	r pipe # 993196 crosses ur	nder Scenic Dr. NE.	
Upstream Survey Date: 7/7/2000 Crew: Upstream Comments:		ngth (m): 1,441	
Habitat areas include mainstem (fi Type 3 water upstream (1998 DNF		Tributary (file 15_0364X	.WB1).
Potential Habitat Gain			
Lineal (m): 1,442 Spawning Area (sq m): 1,094 Rearing Area (sq m): 1,578	• Anadromous • Resident Only	Gain Direction (Resid	dent Only):
Potential Species Benefit			
☐ Sockeye / Kokanee	☐ Chinook	✓ Searun Cutthroa	at
\square Pink	✓ Coho	Resident Trout	
☐ Chum	✓ Steelhead	☐ Bull Trout	

WDFW Fish Passage and Diversion Screening Inventory Database Barrier Priority Index Report



B = proportion of fish passage improvement (1, 0.67, 0.33).

H = potential habitat gain (square meters), spawning habitat for sockeye, pink and chum, rearing habitat for the rest.

M= mobility modifier (anadromous = 2, resident = 1).

D = stock condition modifier (critical = 3, depressed = 2, not 2 or 3 = 1).

C= repair cost modifier (<\$100K = 3, \$100K - \$500K = 2, >\$500K = 1).